

WHAT IS CLAIMED IS:

1. A pneumatic motor-controlled valve of a screwdriver installed between an air guide hole of a pneumatic motor and a main air valve gate
5 in the screwdriver; the pneumatic motor-controlled valve having at least one valve hole on a guide seat and a cylinder; the main air valve gate being installed above the cylinder and having an upper valve opening and a lower valve opening; a piston rod being movable installed in the cylinder; the movement of the piston rod being actuated by air pressure and rotation of
10 the piston rod being actuated by the pneumatic motor; wherein

the valve hole is formed on the guide seat and is communicated to an air guide hole of the motor;

a plug is formed on an outer wall of the cylinder; and the cylinder is movably mounted within the guide seat;

15 a lower spring resists against the cylinder; a touch and push surface is formed on the cylinder so that the piston valve on the piston rod is capable of pushing the cylinder; at least one ventilating hole is formed on a wall of the cylinder for communicating the valve hole to one of the upper valve opening and the lower valve opening of the main air valve gate; and

20 the plug drives the cylinder to actuate with the descending and rising of the piston valve so as to open or close the valve hole of the guide seat, thereby, the rotation of the motor is controlled.

2. The pneumatic motor-controlled valve of a screwdriver as claimed in claim 1, wherein the valve hole is formed on a stepped surface of an
25 expanding wall of the guide seat.

3. The pneumatic motor-controlled valve of a screwdriver as claimed in claim 1, wherein each of two ends of the guide seat has a respective protruding ring which is embedded into an inner wall of the head; each protruding ring is formed with an air stop washer so that an inner walls of
30 the guide seat and the head are formed with an interior air chamber which is communicated to the motor air guide hole.